

Manhole Inspection Summary

Manhole # S51MM_001MH

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Inspection Is Incomplete Rating: **3) Fair**

Record Plat: **51MM** Node: **001** Status: **Found**

Insp Date: **3/19/08 9:01 AM**

Incomplete Comments

Crew: **jl, ct**
Inspector: **Provine, D**
Firm: **JV**

Location Address: **Ellwood**

Cross Street: **Sinclair**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Wet**

Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **Complete**

Cover

Shape: **Circular**

Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: Bolted Vented Water Tight Water Tight Insert

Frame

Offset: **0** (in.)

Condition: Sound

Cracked

Leaks

Chimney / Frame Adjustment

Exists Material:

Parged Height: (in.)

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots Wall

Corbel

Material: **Brick**

Parged

Type: **Concentric/Eccentric**

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots **Wall**

Barrel

Material: **Brick**

Parged

Shape: **Circular**

Diameter: **42** (in.) Length: (in.)

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots **Wall**

Bench

Exists Material: **Brick**

Parged

Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris

Channel

Material: **Brick**

Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: Sound Cracked Root Intrusion Deteriorated Leaks **Debris**

Steps

Count: **7** Missing: **0** **Corroded**

Surcharge

Evidence Of Surcharge

Depth: (ft.)

Active Surcharge Present

Location View



Top View



Defect 1



Adjustment Joint

Defect 2



Frame Leaks

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8 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined
Invert Depth: **12.70** (ft.) Flow Characteristics: **Fast**
Deposits: None **Mud** Sludge **Debris** Grease
Silt Depth: **1** (in.) Deposits Extent: **Light**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**
 Possible Illicit Connection

8 in. Circular Gravity Sewer
Pipe In @ 5 O'Clock

5 O'Clock Inflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined
Invert Depth: **12.40** (ft.) Flow Characteristics: **None**
Deposits: None **Mud** Sludge **Debris** Grease
Silt Depth: **2** (in.) Deposits Extent: **Light**
Infiltration: **Evidence** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **House connection / Service line**
 Possible Illicit Connection

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8 in. Circular Gravity Sewer

7 O'Clock Inflow

Pipe In @ 7 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined
Invert Depth: **12.40** (ft.) Flow Characteristics: **None**
Deposits: None **Mud** Sludge **Debris** Grease
Silt Depth: **3** (in.) Deposits Extent: **Medium**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **House connection / Service line**

Possible Illicit Connection

8 in. Circular Gravity Sewer

9 O'Clock Inflow

Pipe In @ 9 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined
Invert Depth: **12.20** (ft.) Flow Characteristics: **Fast**
Deposits: None Mud Sludge **Debris** Grease
Silt Depth: **1** (in.) Deposits Extent: **Light**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **House connection / Service line**

Possible Illicit Connection